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C ver Latch f r Dispenser Apparatus
Chen, Zefu
Application NO. 09/728,188

United States Patent and Trademark Office

9-6/9

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May 8, 2002

Dear Mr. Lugo,

Thank you very much for your time to examine the invention above. I as the first inventor would also like to ask your permission to replace some drawings with isometric ones and corresponding specification as shown in the follow six pages.
An official communication will send to you from Cooper & Dunham LLP in New York.
Thank you!

Sincerely

Zefu Chen



COVER LATCH FOR DISPENSER APPARATUS

Chen, Zefu

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As mention before the cover latch 10 is composed of two--- a pull rod assembly 12 and a pull latch assembly 20. The unique is the connection way of the two assemblies. The rod 16 has a neck 40 and a sixty degrees angle tip 46 on one end as shown in fig. 2. The pull latch 20 has a channel 42 and a hole 44 shown in fig. 2. The dimensions of these features are ergonomically designed to connect the two assemblies together easy and secure without using any fastener or threads. The features 40, 42, 44 and 46 guarantee the pull rod assembly 12 at correct orientation (rod 16 and o-ring 18 at down side) because the tip 46 of the rod 16 can be inserted into hole 44 only when the short edge of the sixty degrees angle faces down. Otherwise the tip 46 can't go into the hole 44. After the tip 46 being inserted into hole 44 applying a certain force to let the neck 40 overcome the resistance from the corner of the channel 42 then the two assemblies 12 and 20 are connected in function position and self-locked. They can't be falling apart by pulling, shaking.

Another unique feature of the cover latch is that the rod 16 is thin and flexible so that the handle 14 can be turning by using one finger pulling one side of the handle and the other side as a pivot shown in fig. 4. This lever mechanism can cut the force to disengage the cover latch to half.

This page adds to Page 10 after line 3.

COVER LATCH for DISPENSER APPARATUS
Chen, Zefu
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Date: 5/8/02
To: Mr. Carlos Lugo (USPTO)
From: Zefu Chen
Phone: 703-305-9747
Fax: 703-308-3687
Re: _____

No. of Pgs. Includg. Cover: 8

See cover letter

Thank you

cc: _____